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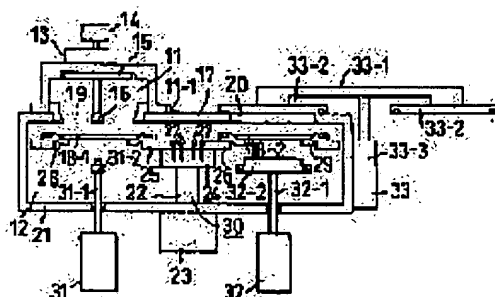
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(54) ROTARY ARM TYPE SPUTTERING DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a sputtering device of a rotary arm system in which the exhaustion, cleaning or maintenance in a vacuum vessel are easy, and carrying troubles are seldom.

SOLUTION: A magnetic field generating device is arranged in the upper part of a sputtering chamber 11 forming a discharge space in such a manner that the magnetic field is applied to the inside of the sputtering chamber, a target 15 is arranged at the upper part in the sputtering chamber 11 so as to be applied with the magnetic field by the magnetic field generating device, a disk carrying chamber 12 which is an approximately cylindrical airtight vessel is successively provided via a sputtering chamber opening part 19 formed on the upper wall 17, the inside of this disk carrying chamber 12 is provided with a disk carrying mechanism 30, the disk carrying mechanism 30 is provided with a rotary shaft 22, an arm fixing board 24 fixed to the upper end of the rotary shaft 22 is fixed with one end of a first and a second arms 25 and 26 in which rings are formed on the other ends by plural fixing screws



27, and, on the end parts of the arms 25 and 26, susceptors 28 and 29 are engaged to be supported.

LEGAL STATUS

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